

1 49670

Tuesday, July 26, 2016 10:23:59 AM

N900040100

Setup Start *NS1*

Stop *NS2*

Customer:

?

~

Run Start *NR1*

Stop ***NR2***

QC: 21 Date: JUL 27 2016 SPC (Y/N): Date:

Draw Nbr	Revision Nbr
D5238	B

DAS
6
8-89

Memo

Packaging

Packaging

2x 16/09/20 DAS 36 9-89

Memo

Small Fab

Small Fab

Assemble as per Dwg
Torque screws up to 15-25 in- lbs

DAS
38
9-89

2 SEP 30 1989

QC

Memo

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

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DAS
21
9-89 **SEP 30 2016**

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Picklist Print

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Page 1

Work Order ID: 149670

149670

Parent Item: D5238-041

D5238-041

Parent Item Name: Maintenance Step Assembly

Start Date: 7/21/2016

Required Date: 7/25/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 15.05.21 NEW ISSUE DD VERF:JLM IPP REV:B
15.09.23 DWG REV.A DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

MS17984-C410

Purchased

No

Each

9.0000

4

**

7-19-712

DAS
6
9-89

MS17984-C410

QUICK PIN REPLACEMENT

Location

Loc Qty

Loc Code

ST315

9

148839

4

m128051

5

D2690-6

Manufactured

No

Each

29.0000

4

**

DAS
6
9-89

D2690-6

Lanyard

Location

Loc Qty

Loc Code

ST009

29

144944

1

147589

20

148328

6

148584

2

D4092-1

Manufactured

No

Each

21.0000

4

**

Box

DAS
6
9-89

D4092-1

Maintenance Step

Location

Loc Qty

Loc Code

ST450

21

141433

1

144611

20

DAS
36
9-89
B150849 (3x)

SEP 2 11 2016

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
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Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :	
Misidentified ☐	Past Due ☐																																																														

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Work Order ID: 149670

149670

Parent Item: D5238-041

D5238-041

Parent Item Name: Maintenance Step Assembly

Start Date: 7/21/2016

Required Date: 7/25/2016

Start Qty: 2.00

Required Qty: 2.00

D4093-5

Manufactured No

Each

14.0000

D4093-5

Bracket

4 150160

DAS
6
9-89

Location

Loc Qty

Loc Code

ST078

14

141426

2

142819

12

D5237-5

Manufactured No

Each

17.0000

D5237-5

Bracket

2

Location

Loc Qty

Loc Code

ST451

17

140592

17

D5237-7

Manufactured No

Each

17.0000

D5237-7

Bracket

2

Location

Loc Qty

Loc Code

ST451

17

140591

17

DAS
6
9-89

DAS
6
9-89

SEP 7 11 2016

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Work Order ID: 149670

149670

Parent Item: D5238-041

D5238-041

Parent Item Name: Maintenance Step Assembly

Start Date: 7/21/2016

Required Date: 7/25/2016

Start Qty: 2.00

Required Qty: 2.00

MS21042L3	Purchased	No	Each	2,277.000	24	DAS
MS21042L3				**	135407	6
Nut						9-89

Location	Loc Qty	Loc Code
CCK007	600	
m135056	600	
FP001	14	
m133790	14	
GA	571	
m134360	112	
m135135	459	
OVER007	700	
m135135	700	
ST303	392	
m134039	12	
m134943	380	

MS24694-S54	Purchased	No	Each	100.0000	4	DAS
MS24694-S54				**		6
SCREW						9-89

Location	Loc Qty	Loc Code
over006	50	
m134851	50	
ST284	50	
m135274	50	

MS24694-S55	Purchased	No	Each	129.0000	16	DAS
MS24694-S55				**	135408kg	6
Screw						9-89

Location	Loc Qty	Loc Code
ST283	129	
m134376	129	

SEP 20 2016

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : _____					

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Work Order ID: 149670

149670

Parent Item: D5238-041

D5238-041

Parent Item Name: Maintenance Step Assembly

Start Date: 7/21/2016

Required Date: 7/25/2016

Start Qty: 2.00

Required Qty: 2.00

MS24694-S56

Purchased

No

Each

47.0000

4

MS24694-S56

SCREW

DAS

6

9-89

Location

Loc Qty

Loc Code

ST283

47

m132344

47

Each

1,614.000

24

DAS

6

9-89

NAS1149D0332J

Purchased

No

NAS1149D0332.J

Washer

Location

Loc Qty

Loc Code

CA

6

m129682

6

FP001

546

m134848

546

GA

979

m135046

979

ST264

83

m134502

6

m134738

77

SEP 20 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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OTHER : _____					